

Name: \_\_\_\_\_

## Adding Fractions

with the Same Denominator, Requires Simplifying

$$\begin{array}{r} \frac{2}{6} \\ + \frac{2}{6} \\ \hline \end{array}$$
$$\begin{array}{r} \frac{1}{6} \\ + \frac{2}{6} \\ \hline \end{array}$$
$$\begin{array}{r} \frac{1}{6} \\ + \frac{2}{6} \\ \hline \frac{3}{6} \end{array}$$
$$\frac{3}{6} = \frac{1}{2}$$

Add the fractions and simplify the answers.

a.  $\frac{2}{6}$   
 $+\frac{2}{6}$   

---

b.  $\frac{4}{8}$   
 $+\frac{2}{8}$   

---

c.  $\frac{1}{4}$   
 $+\frac{1}{4}$   

---

d.  $\frac{1}{8}$   
 $+\frac{1}{8}$   

---

e.  $\frac{1}{9}$   
 $+\frac{2}{9}$   

---

f.  $\frac{5}{12}$   
 $+\frac{3}{12}$   

---

g.  $\frac{5}{10}$   
 $+\frac{1}{10}$   

---

h.  $\frac{1}{8}$   
 $+\frac{3}{8}$   

---

i.  $\frac{1}{6}$   
 $+\frac{1}{6}$   

---

j.  $\frac{3}{10}$   
 $+\frac{2}{10}$   

---

k.  $\frac{1}{12}$   
 $+\frac{2}{12}$   

---

l.  $\frac{3}{9}$   
 $+\frac{3}{9}$   

---

m.  $\frac{5}{10}$   
 $+\frac{3}{10}$   

---

n.  $\frac{2}{6}$   
 $+\frac{1}{6}$   

---

o.  $\frac{5}{8}$   
 $+\frac{1}{8}$   

---

p.  $\frac{1}{9}$   
 $+\frac{5}{9}$   

---

q.  $\frac{3}{12}$   
 $+\frac{1}{12}$   

---

r.  $\frac{4}{10}$   
 $+\frac{2}{10}$   

---

s.  $\frac{2}{8}$   
 $+\frac{2}{8}$   

---

t.  $\frac{6}{12}$   
 $+\frac{3}{12}$   

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# ANSWER KEY

## Adding Fractions

with the Same Denominator, Requires Simplifying

$$\begin{array}{r} \frac{2}{6} \\ + \frac{2}{6} \\ \hline \frac{4}{6} \end{array}$$
$$\begin{array}{r} \frac{1}{6} \\ + \frac{2}{6} \\ \hline \frac{3}{6} \end{array}$$
$$\begin{array}{r} \frac{3}{6} \\ + \frac{1}{6} \\ \hline \frac{4}{6} \end{array}$$
$$\frac{4}{6} = \frac{2}{3}$$

Add the fractions and simplify the answers.

a.  $\frac{2}{6}$   
 $+\frac{2}{6}$   
 $\frac{4}{6} = \frac{2}{3}$

b.  $\frac{4}{8}$   
 $+\frac{2}{8}$   
 $\frac{6}{8} = \frac{3}{4}$

c.  $\frac{1}{4}$   
 $+\frac{1}{4}$   
 $\frac{2}{4} = \frac{1}{2}$

d.  $\frac{1}{8}$   
 $+\frac{1}{8}$   
 $\frac{2}{8} = \frac{1}{4}$

e.  $\frac{1}{9}$   
 $+\frac{2}{9}$   
 $\frac{3}{9} = \frac{1}{3}$

f.  $\frac{5}{12}$   
 $+\frac{3}{12}$   
 $\frac{8}{12} = \frac{2}{3}$

g.  $\frac{5}{10}$   
 $+\frac{1}{10}$   
 $\frac{6}{10} = \frac{3}{5}$

h.  $\frac{1}{8}$   
 $+\frac{3}{8}$   
 $\frac{4}{8} = \frac{1}{2}$

i.  $\frac{1}{6}$   
 $+\frac{1}{6}$   
 $\frac{2}{6} = \frac{1}{3}$

j.  $\frac{3}{10}$   
 $+\frac{2}{10}$   
 $\frac{5}{10} = \frac{1}{2}$

k.  $\frac{1}{12}$   
 $+\frac{2}{12}$   
 $\frac{3}{12} = \frac{1}{4}$

l.  $\frac{3}{9}$   
 $+\frac{3}{9}$   
 $\frac{6}{9} = \frac{2}{3}$

m.  $\frac{5}{10}$   
 $+\frac{3}{10}$   
 $\frac{8}{10} = \frac{4}{5}$

n.  $\frac{2}{6}$   
 $+\frac{1}{6}$   
 $\frac{3}{6} = \frac{1}{2}$

o.  $\frac{5}{8}$   
 $+\frac{1}{8}$   
 $\frac{6}{8} = \frac{3}{4}$

p.  $\frac{1}{9}$   
 $+\frac{5}{9}$   
 $\frac{6}{9} = \frac{2}{3}$

q.  $\frac{3}{12}$   
 $+\frac{1}{12}$   
 $\frac{4}{12} = \frac{1}{3}$

r.  $\frac{4}{10}$   
 $+\frac{2}{10}$   
 $\frac{6}{10} = \frac{3}{5}$

s.  $\frac{2}{8}$   
 $+\frac{2}{8}$   
 $\frac{4}{8} = \frac{1}{2}$

t.  $\frac{6}{12}$   
 $+\frac{3}{12}$   
 $\frac{9}{12} = \frac{3}{4}$